Exhibit of
The Mint of the United States at ~~Philadelphia,~~
~~Superintendent's Off~~ice,
Chicago Sept. 15 1893.

Col. O. C. Bosbyshell
Supt. U. S. Bosbyshell Phila

Dear Sir.

Yesterday afternoon I succeeded in getting the motor to run all right but in such a crippled condition that it was not able to pull the press. There are 4. coils in the armature cut out and the others coupled up across to used up ones. The rheostat is also burned out and a new one sent for. I borrowed a rheostat from the Sellers crane and managed to hook up temporarily and when the new armature comes will be able run until the new rheostat comes.

After getting the motor running nicely. I put in the fuse boxes 10 ampere fuse wire. and then made an attempt to start the press. but just as soon as it tried to pull over the first medal. the fuse burned out. two more attempts were made with the same result. then I put in 25 ampere fuse wire. which I have been using all summer. and which the men left here when they wired up the motor. three more attempts to start the press resulted in burning out the fuse wires each time when I gave it up supposing that the armature in its week condition was not able to do the work. The motor now runs allright by itself.

I think the root of our troubl is in starting the press up directly from the motor with out having energy stored up somewhere in a fly wheel.

When the dies come onto the first peice with no speed in the wheel of the press there is nothing to pull it over but a tremendous heavy pull directly on the motor

I believe if we had a heavy fly wheel on the first shaft in the cellar which would gradually get its full speed up as the motor is slowly started. we wo have, when starting the press, the help of the energy in that wheel to pull the press over and conse—

RG104 E-1 Box 183

quently the motor would be relieved of any undue strain.

Of course this display of fireworks that we have had on the motor for three days has been a regular picnic to an immense gaping crowd.

Mess. McClure & Keyser are now busy over hauling all the coins in the cases seeing that each one is securely pinned in its place preparatory to being shipped home. We are all anxiously counting the days that yet remain before we start for the Quaker City.

McClure & Keyser join me in sending kind regards to you & all

Very Respectfully
N. S. Beekley

P.S. Harry Offers detail request has gone to Washington
N S B

RG104 E-1 Box 183

342

Mint of the United States at Philadelphia, Pa.,

~~Superintendent's Office,~~
Chicago - Ill.
Sept. 15th, 1893.

N. S. Buckley ~~Superintendent.~~

SUBJECT:

Relative to Motor.

RECEIVED
SEP 20 1893
U.S. MINT, PHILA.

No. of Inclosures,

NARA RG104, Entry 1, Box 183

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